



# National Weather Service

## Storm Data and Unusual Weather Phenomena



September 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### NEW MEXICO, Southeast

NMZ027>029

**Guadalupe Mountains Of Eddy County - Eddy County Plains - Lea**

<b>01</b>	<b>0000MST</b>	<b>0</b>	<b>0</b>	<b>Drought</b>
<b>30</b>	<b>2359MST</b>			

Drought conditions continued in Southwest Texas and Southeast New Mexico through September. Agricultural losses will be great but will not be included until the end of the harvest when totals are calculated. Most locations in southeast New Mexico received less than 1 inch of rain for the month.

**Lea County**  
**4 W Hobbs**

<b>09</b>	<b>1510MST</b>	<b>0</b>	<b>0</b>	<b>Hail(0.88)</b>
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**Lea County**  
**4 W Hobbs**

<b>09</b>	<b>1510MST</b>	<b>0</b>	<b>0</b>	<b>1K</b>	<b>Thunderstorm Wind</b>
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Downburst winds knocked down several trees at a Hobbs golf course and ripped up some netting at the driving range and produced nickel size hail.

### TEXAS, West

TXZ045>048-050>052-  
057>063-067>070-  
074>075-079>082

**Gaines - Dawson - Borden - Scurry - Andrews - Martin - Howard - Van Horn/Guadalupe Mountains Area - Reeves County And Upper Trans Pecos - Loving - Winkler - Ector - Midland - Glasscock - Ward - Crane - Upton - Reagan - Davis Mountains - Pecos - Presidio Valley - Marfa Plateau - Big Bend Area - Terrell**

<b>01</b>	<b>0000CST</b>	<b>0</b>	<b>0</b>	<b>Drought</b>
<b>30</b>	<b>2359CST</b>			

Drought conditions continued in Southwest Texas and Southeast New Mexico. Agricultural losses will be great but will not be included until the end of the harvest when totals are calculated. Most stations reported less than an inch of rain for the month with several stations reporting no rain. The Midland International Airport received only 0.08" of rain for a to-date annual total of 3.13". The January to September period 1998 was the driest first nine months ever recorded (dating back to 1930).

**Midland County**  
**4 ENE Midland**

<b>09</b>	<b>2000CST</b>	<b>0</b>	<b>0</b>	<b>0.50K</b>	<b>Thunderstorm Wind</b>
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A marginally severe thunderstorm caused a brief microburst that uprooted a carport. Several other vulnerable items on the same property were surprisingly unaffected.

**Gaines County**  
**1 E Seagraves**

<b>14</b>	<b>1928CST</b>	<b>0</b>	<b>0</b>	<b>2.5M</b>	<b>Hail(0.88)</b>
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A mixture of hail and wind caused devastating damage to cotton crops in the area. Heavy damage was done to about 4000 acres of cotton while light damage was done to about 16,000 acres.

**Gaines County**  
**1 E Seagraves**

<b>14</b>	<b>1928CST</b>	<b>0</b>	<b>0</b>	<b>700K</b>	<b>Thunderstorm Wind</b>
	<b>1940CST</b>				

An isolated severe thunderstorm rapidly intensified as it moved to the south into Northern Gaines County just east of Seagraves. Doppler radar showed this storm to have VILs in excess of 50 kg/m2 for several volume scans as it entered the county. VILs and low-level reflectivity decreased significantly during and shortly after the time severe weather was reported. The MAF evening sounding suggested the potential for hybrid microbursts, with wind gusts over 75 knots possible.

A trailer house and barn one mile east of the city limits were demolished, and the roofs off three hangars at the municipal airport farther east of town were partly or totally removed. Other structures from eastern city limits to a couple miles east of the city limits incurred similar damage. The most costly damage was to the cotton crops, which were days away from being harvested. Winds estimated at or above 80 mph levelled these crops with pea-sized and smaller hail. A 17,000 pound tractor was also moved over 100 feet and 23 center-pivot irrigation systems were at least overturned.



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### TEXAS, West

#### Gaines County

17 SE Seagraves

14

2000CST

0

0

1K

Thunderstorm Wind

After pounding the areas east of Seagraves, this storm caused additional structural damage to power poles a half hour later. Many people in Loop were consequently without power for several hours.